**Take-Home Assessment: Angle Proofs**

Rodriguez/Geo Honors **DUE DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

All proofs must be done on the attached response sheet ***and*** be formally presented and written.

You are allowed to discuss ***ideas*** with others, but you must write your own proof and not write any proofs with someone else. If your proof is exactly the same as someone else’s, then you and the other person(s) involved will get no credit. It is possible to have similar ideas, of course; however, the expression and execution of the proof will always be different. It’s also possible to complete many of these proofs in more than one way. Regardless, if you talk to anyone while you work, you must write the name/s of that/those person/people at the top of your proof.

Have fun! ☺ ☺ ☺

2. Prove that md + me – ma = 180**°**.



1. Given:  at M

M is between P and K



 (meaning: divides into 3 equal parts)

1. Draw a diagram based on the information.
2. If  and , find x in terms of y.

3.



4.

 

5.



6.

